The next generation of quality, productivity, and security

HP Color LaserJet Managed MFP E77800 series
HP Color LaserJet Managed MFP E87600 series

MOST RELIABLE BUSINESS PRINTER & MFP BRAND

BLI BUYERS LAB

RELIABILITY 2018–2021

HP Color LaserJet Managed
MFP E87660 Series
Outstanding 60-ppm Copier MFP[1]

Big color.
Small cost.

Minimal interruptions.
Maximum uptime.

The world's most
secure printing[2]

Big color.
Small cost.

Quality color printing for a great value is a smart choice for any business. Produce premium, professional-quality color documents at a competitive low cost with an HP Color LaserJet Managed MFP built to make your work—and your business—look its best.

Premium color at a low cost

Print premium, professional-quality documents with vivid color images and graphics that stand out, for a competitive low cost.

Create consistent, professional quality documents and get the performance you count on. Original HP toner cartridges and drums are specially designed and precisely engineered for HP printers and MFPs—so you can rely on fast, consistent results.
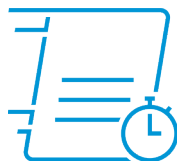
Fast, professional performance

Equip employees to speed through tasks with an MFP that delivers the professional performance you expect from an enterprise machine.

Choose from a range of modular paper-handling, solution, and connectivity accessories designed to adapt to the needs of workgroups of all sizes.

Avoid interruptions with an HP LaserJet Managed MFP designed to be streamlined with minimal parts for simple service and maximum productivity. [3]

Energy efficient

Help keep energy costs down without compromising performance. This device features fusers that warm rapidly and cool quickly, so they start printing sooner, complete jobs faster, and help you conserve more energy. [4]

Save paper and conserve resources with automatic two-sided printing, scanning, and copying. Consume up to 50% less paper by printing on both sides of the page.

Easily recycle your Original HP cartridges at no charge through HP Planet Partners. [5]

Minimal interruptions. Maximum uptime.

Annoying interruptions and complex maintenance can slow down printing, and ultimately, the pace of business. Avoid pauses in productivity with an HP Color LaserJet Managed MFP designed for maximum uptime—so you can count on reliable results day in and day out.

Move business forward

Grab the documents you need and go. This device wakes up quickly and prints fast—up to 60 pages per minute (ppm) (E87660dn/z models).[6] Your pages are ready right when you need them.
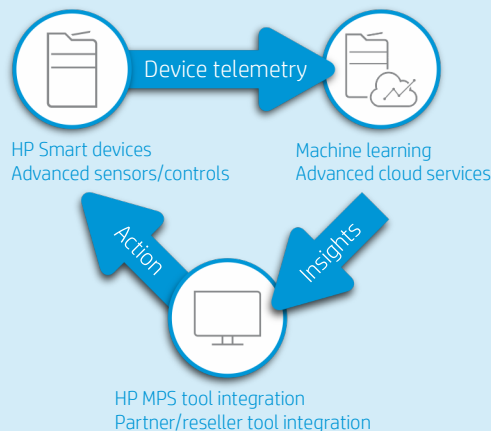
60 ppm[6]

Accelerate workflow with single-pass, two-sided scanning up to 120 images per minute (ipm), simplex, and up to 240 ipm, duplex (Flow models).[7]

Scan documents directly to Microsoft® Office 365 (Flow models only) and SharePoint®, plus email, USB, and network folders.[8]

Maximize uptime

HP Smart Device Services (SDS) help keep business moving by avoiding lapses in productivity. Reduce time spent calling and waiting, with technology that allows your service provider to quickly pinpoint issues before they become a problem. Remote diagnostic tools help provide faster, more efficient fixes. Simple issues can be resolved remotely, and service calls go faster when techs know exactly what they need for the right fix.

Device telemetry

HP Smart devices
Advanced sensors/controls

Machine learning
Advanced cloud services

Action

Insights

HP MPS tool integration
Partner/reseller tool integration

HP devices communicate their health and call your service provider for help when they need it. Empower advanced analytics with smart sensors, event logs, device telemetry, and access for remote configurations and adjustments that let your service provider know how devices are working.

Expand your capacity

Tailor this MFP to the needs of your business with a wide range of optional paper-handling accessories. Optional trays support media sizes up to 11 x 17 inches (A3). For a list of compatible accessories by model, see the paper-handling accessories table on page 10.

Organize, staple, and collect documents with an optional booklet finisher that helps you save time and look professional.

Print up to 6,140 pages without reloading paper, using the optional 2,000-sheet high-capacity input tray and the optional 3,000-sheet high-capacity side input tray, with support for media sizes up to letter (A4) (E87600 series).[9]

The world's most secure printing[2]

Only HP Enterprise devices repair themselves from attacks in real time, with built-in security to help keep your network safe. Automatically monitor threats, detect intrusions, and validate operating software with security offered only by HP.[2]

Always on guard

Only HP Enterprise devices offer built-in security features that are always on guard.[2]

- With HP Sure Start, each device regularly checks its operating code and repairs itself from attempted hacks.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.
- Run-time intrusion detection continually monitors activity to detect and stop attacks, then automatically reboots.
- HP Connection Inspector inspects outgoing network connections to stop suspicious requests like malware.

Thwart potential attacks by receiving instant notification of security issues. These devices work with leading Security Information and Event Management (SIEM) tools like Splunk, ArcSight, McAfee, and SIEMonster.

Take security to the next level

Help protect your MFP with more than 250 embedded security features.[10] Protect information in transit over the network and stored on the device—keys, passwords, certificates, and more. Store data on the 256-bit encrypted HP High-Performance Secure Hard Disk.

Easily develop, deploy, and integrate HP and third-party solutions with the HP Open Extensibility Platform (OXP). Add features such as card readers[11] and more through the Hardware Integration Pocket (HIP).[12]

Build business efficiency

Centralize control of your printing environment with HP Web Jetadmin—and help build business efficiency.[13] Optional HP JetAdvantage Security Manager offers an effective, policy-based approach to help secure HP printing and imaging devices.[14] Easily set security configuration policies and automatically validate settings for every HP printer and MFP in your fleet.

HP JetAdvantage Secure Print[15] and HP Access Control (HPAC) help secure documents by requiring authentication to release print jobs. In addition, extend capabilities and easily customize with HPAC—integrate job accounting, manage rights, and establish quotas for things such as color use.[16] Save IT time and make printing easy for the entire enterprise by using a single driver for all HP devices.[17]

▶ For more information

Fleet management

HP Web Jetadmin visit: hp.com/go/wja

Solution brief: http://h20195.www2.hp.com/v2/GetPDF.aspx/4aa5-2718enw.pdf

Video: http://hp.brightcovegallery.com/solutions/detail/video/4271055504001/

HP Universal Print Driver visit: hp.com/go/upd

Solution brief: http://h20195.www2.hp.com/v2/GetPDF.aspx/4aa2-4781enw.pdf

Security

HP JetAdvantage Security Solutions visit: hp.com/go/printsecurity

Solution overview: http://h20195.www2.hp.com/v2/GetPDF.aspx/4aa3-1295enw.pdf

Video: http://hp.brightcovegallery.com/products/detail/video/4270905124001/

HP JetAdvantage Security Manager visit: hp.com/go/securitymanager

Brochure: http://h20195.www2.hp.com/v2/GetPDF.aspx/4aa3-9275enw.pdf

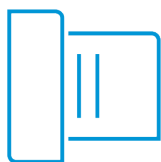Video: http://hp.brightcovegallery.com/products/detail/video/4270837770001/

Give workgroups the speed they need

Accelerate workflow, improve accuracy, and easily connect people throughout your organization. Complete high-volume scan jobs super-fast—up to 240 ipm for Flow models[7]—and avoid extra steps with a Flow MFP designed for maximum productivity.

Easily scan and edit text

Capture text from documents with high accuracy. Easily scan documents and save as a Microsoft Word or searchable PDF file with HP Scan and I.R.I.S. Readiris™ Pro OCR Software.

Send scanned documents directly to email, network folders, or Microsoft SharePoint. Walk up and print from or scan to a memory device using the easy-access USB.[18]

Fast scanning and input

Enter data more quickly and accurately using the pull-out keyboard, one of the features available on all Flow models.[19]

Turn stacks of paper documents into digital files. Load up to 250 pages into the automatic document feeder (ADF) (E77800 series Flow models and the E87600dn/z series models) for fast, unattended scanning.[20]
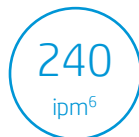
Optional workflow solutions

HP Digital Sending Software leverages existing IT infrastructure and uses a common administrative utility and user interface.

HP Capture and Route is scalable and makes it easy to control, track, and distribute scanned content.

Flow MFP features[19]

HP EveryPage
featuring ultrasonic multi-feed detection

240 ipm[6]
Faster scan speeds

Automatic
page orientation, auto-crop, and auto-tone
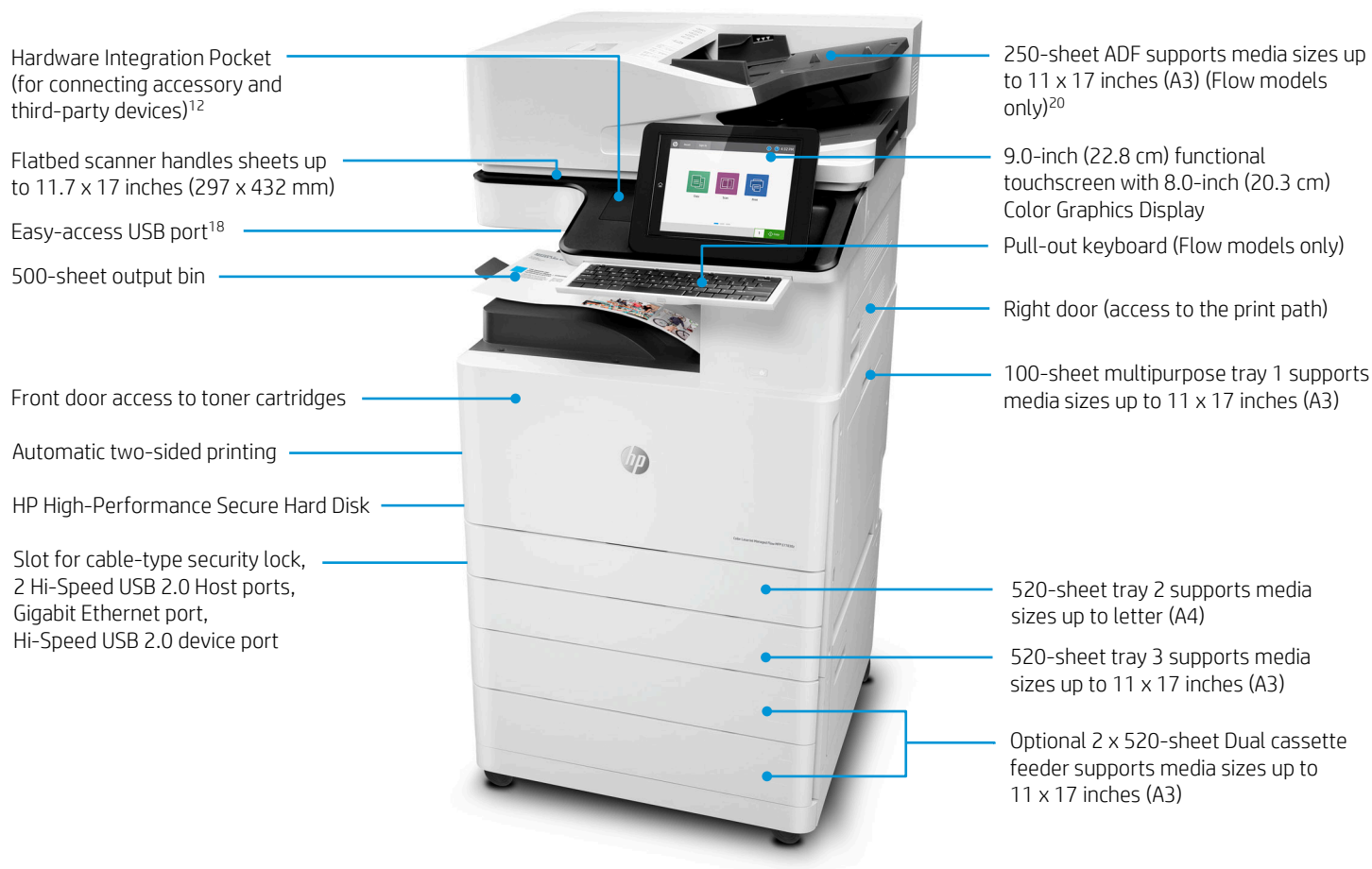
Pull-out keyboard

Built-in OCR

250 sheets[20]
Higher capacity ADF

Product walk-around

Hardware Integration Pocket (for connecting accessory and third-party devices)[12]

Flatbed scanner handles sheets up to 11.7 x 17 inches (297 x 432 mm)

Easy-access USB port[18]

500-sheet output bin

Front door access to toner cartridges

Automatic two-sided printing

HP High-Performance Secure Hard Disk

Slot for cable-type security lock, 2 Hi-Speed USB 2.0 Host ports, Gigabit Ethernet port, Hi-Speed USB 2.0 device port

250-sheet ADF supports media sizes up to 11 x 17 inches (A3) (Flow models only)[20]

9.0-inch (22.8 cm) functional touchscreen with 8.0-inch (20.3 cm) Color Graphics Display

Pull-out keyboard (Flow models only)

Right door (access to the print path)

100-sheet multipurpose tray 1 supports media sizes up to 11 x 17 inches (A3)

520-sheet tray 2 supports media sizes up to letter (A4)

520-sheet tray 3 supports media sizes up to 11 x 17 inches (A3)

Optional 2 x 520-sheet Dual cassette feeder supports media sizes up to 11 x 17 inches (A3)

Series at a glance

Model (product number)	MFP E77822dn (X3A78A)	Flow MFP E77822z (X3A77A)	MFP E77825dn (X3A81A)	Flow MFP E77825z (X3A80A)	MFP E77830dn (X3A84A)	Flow MFP E77830z (X3A83A)
Functions	Print, copy, and scan (fax and wireless optional) *(all models)*					
Print speed (letter and A4, black and color)[6]	Up to 22 ppm	Up to 22 ppm	Up to 25 ppm	Up to 25 ppm	Up to 30 ppm	Up to 30 ppm
ADF capacity; supports media sizes up to 11 x 17 inches (A3)	100 sheets	250 sheets	100 sheets	250 sheets	100 sheets	250 sheets
Scan speeds (letter and A4, black and color)[7]	80 ppm/160 ipm, simplex/duplex	120 ppm/240 ipm, simplex/duplex	80 ppm/160 ipm, simplex/duplex	120 ppm/240 ipm, simplex/duplex	80 ppm/160 ipm, simplex/duplex	120 ppm/240 ipm, simplex/duplex
Input capacity	Standard: 1,140 sheets; Maximum: 3,140 sheets *(all models)*					
Advanced workflow features	Send to Microsoft SharePoint	Same as E77822dn, plus: HP EveryPage technology, pull-out keyboard, auto-tone, auto-orientation, auto-page-crop, embedded OCR	Send to Microsoft SharePoint	Same as E77825dn, plus: HP EveryPage technology, pull-out keyboard, auto-tone, auto-orientation, auto-page-crop, embedded OCR	Send to Microsoft SharePoint	Same as E77830dn, plus: HP EveryPage technology, pull-out keyboard, auto-tone, auto-orientation, auto-page-crop, embedded OCR

HP Color LaserJet Managed MFP E77800 series – Configuration

Select only one finisher accessory: [21]
RECOMMENDED

Select only one input accessory: [22]
REQUIREMENTS VARY BY REGION

Inner finisher (Y1G00A)
Top tray:
- Up to 50 sheets (sort/stack)
- Media size: up to 11 x 17 in
- Media weight: 14 to 86 lb

Main tray:
- Up to 500 sheets (sort/stack/staple)
- Media size up to 11 x 17 in
- Media weight: 14 to 68 lb

Booklet finisher (Y1G07A)
Top tray:
- Up to 250 sheets (sort/stack/ C-fold/V-fold)
- Media size: up to 12 x 18 in
- Media weight: 14 to 80 lb

Main tray:
- Up to 2,000 sheets (sort/stack/ staple/saddle staple/ punch/ C-fold/V-fold)
- Media size: up to 12 x 18 in
- Media weight: 14 to 93 lb

Booklet tray:
- ~5 sets of 25 sheets each

Stapler/stacker finisher (Y1G18A)
Top tray:
- Up to 250 sheets (sort/stack)
- Media size: up to 12 x 18 in
- Media weight: 14 to 80 lb

Main tray:
- Up to 3,000 sheets (sort/stack/ staple)
- Media size: up to 12 x 18 in
- Media weight: 14 to 93 lb

Job separator (Y1G15A)
- Up to 125 sheets
- Media size: up to 11 x 17 in
- Media weight: 16 to 68 lb

Cabinet (Y1G17A)

Dual cassette feeder (Y1F97A)
- Tray 1: up to 520 sheets
- Tray 2: up to 520 sheets
- Media size: up to 11 x 17 in
- Media weight: 16 to 58 lb

High-capacity input tray (Y1F99A)
- Up to 2,000 sheets
- Media size: up to letter
- Media weight: 16 to 58 lb

2/3 Hole punch
- For Booklet or Stapler/stacker finisher (shown above): Y1G10A
- For Inner finisher: Y1G02A

Staples (5,000)
- For Inner finisher or Booklet finisher: Y1G13A
- For Stapler/stacker finisher: Y1G14A

Second exit accessory (Y1G23A)
Required with selection of any finisher.

100-sheet ADF
- Standard for dn models
- Single pass, two-sided scanning
- Scans up to 80 ipm, simplex and 160 ipm, duplex
- Media size: up to 11 x 17 in
- Media weight: 12 to 58 lb, simplex and 16 to 58 lb, duplex

250-sheet ADF
- Standard for Flow z models
- Single pass, two-sided scanning
- Scans up to 120 ipm, simplex and 240 ipm, duplex
- Media size: up to 11 x 17 in
- Media weight: 12 to 58 lb, simplex and 16 to 58 lb, duplex

Standard on all models:

100-sheet multipurpose tray 1
- Media size: up to 11 x 17 in
- Media weight: 16 to 58 lb

520-sheet tray 2
- Media size: up to letter
- Media weight: 16 to 58 lb

520-sheet tray 3
- Media size: up to 11 x 17 in
- Media weight: 16 to 58 lb

Tray heater 110V (Y1G22A)
Helps reduce paper jams in high humidity environments.
Optional accessory that can be added for tray 2/3. One additional tray heater can be ordered for the Dual cassette feeder (Y1F97A) or HCI 2,000-sheet tray (Y1F99A), if purchased.

Tray heater 220V (Y1G22A)
Helps reduce paper jams in high humidity environments.
Optional accessory that can be added for tray 2/3. One additional tray heater can be ordered for the Dual cassette feeder (Y1F97A) or HCI 2,000-sheet tray (Y1F99A), if purchased.

Product walk-around

Hardware Integration Pocket (for connecting accessory and third-party devices)[12]

Flatbed scanner handles sheets up to 11.7 x 17 inches (297 x 432 mm)

Easy-access USB port[18]

Optional inner finisher supports media sizes up to 11 x 17 inches (A3)

Front door access to toner cartridges

Automatic two-sided printing

HP High-Performance Secure Hard Disk

Slot for cable-type security lock, 2 Hi-Speed USB 2.0 Host ports, Gigabit Ethernet port, Hi-Speed USB 2.0 device port

250-sheet ADF supports media sizes up to 11 x 17 inches (A3)[20]

9.0-inch (22.8 cm) functional touchscreen with 8.0-inch (20.3 cm) Color Graphics Display

Pull-out keyboard (Flow models only)

Right door (access to the print path)

100-sheet multipurpose tray 1 supports media sizes up to 11 x 17 inches (A3)

520-sheet tray 2 supports media sizes up to letter (A4)

520-sheet tray 3 supports media sizes up to 11 x 17 inches (A3)

Optional 2,000-sheet High-capacity input tray supports media sizes up to letter (A4)

Series at a glance

Model (product number)	MFP E87640dn (X3A87A)	Flow MFP E87640z (X3A86A)	MFP E87650dn (X3A90A)	Flow MFP E87650z (X3A89A)	MFP E87660dn (X3A93A)	Flow MFP E87660z (X3A92A)
Functions	Print, copy, and scan (fax and wireless optional) *(all models)*					
Print speed (letter and A4, black and color)[6]	Up to 40 ppm	Up to 40 ppm	Up to 50 ppm	Up to 50 ppm	Up to 60 ppm	Up to 60 ppm
ADF capacity; supports media sizes up to 11 x 17 inches (A3)	250 sheets	250 sheets	250 sheets	250 sheets	250 sheets	250 sheets
Scan speeds (letter and A4, black and color)[7]	90 ppm/180 ipm, simplex/duplex	120 ppm/240 ipm, simplex/duplex	90 ppm/180 ipm, simplex/duplex	120 ppm/240 ipm, simplex/duplex	90 ppm/180 ipm, simplex/duplex	120 ppm/240 ipm, simplex/duplex
Input capacity	Standard: 1,140 sheets; Maximum: 6,140 sheets *(all models)*					
Advanced workflow features	Send to Microsoft SharePoint	Same as E87640dn, plus HP EveryPage technology, pull-out keyboard, auto-tone, auto-orientation, auto-page-crop, embedded OCR	Send to Microsoft SharePoint	Same as E87650dn, plus: HP EveryPage technology, pull-out keyboard, auto-tone, auto-orientation, auto-page-crop, embedded OCR	Send to Microsoft SharePoint	Same as E87660dn, plus: HP EveryPage technology, pull-out keyboard, auto-tone, auto-orientation, auto-page-crop, embedded OCR

HP Color LaserJet Managed MFP E87600 series – Configuration

Select only one finisher accessory:[23]
RECOMMENDED

Select input accessory:[24]
REQUIREMENTS VARY BY REGION

Inner finisher (Y1G00A)
Top tray:
- Up to 50 sheets (sort/stack)
- Media size: up to 11 x 17 in
- Media weight: 14 to 86 lb

Main tray:
- Up to 500 sheets (sort/stack/staple)
- Media size up to 11 x 17 in
- Media weight: 14 to 68 lb

Booklet finisher (Y1G07A)
Top tray:
- Up to 250 sheets (sort/stack/C-fold/V-fold)
- Media size: up to 12 x 18 in
- Media weight: 14 to 80 lb

Main tray:
- Up to 2,000 sheets (sort/stack/staple/saddle staple/ punch/C-fold/V-fold)
- Media size: up to 12 x 18 in
- Media weight: 14 to 93 lb

Booklet tray:
- ~5 sets of 25 sheets each

Stapler/stacker finisher (Y1G18A)
Top tray:
- Up to 250 sheets (sort/stack)
- Media size: up to 12 x 18 in
- Media weight: 14 to 80 lb

Main tray:
- Up to 3,000 sheets (sort/stack/staple)
- Media size: up to 12 x 18 in
- Media weight: 14 to 93 lb

Job separator (Y1G01A)
- Up to 125 sheets
- Media size: up to 11 x 17 in
- Media weight: 16 to 68 lb

Cabinet (Y1G16A)

Dual cassette feeder (Y1F98A)
- Tray 1: up to 520 sheets
- Tray 2: up to 520 sheets
- Media size: up to 11 x 17 in
- Media weight: 16 to 58 lb

High-capacity input tray (Y1G21A)
- Up to 2,000 sheets
- Media size: up to letter
- Media weight: 16 to 58 lb

2/3 Hole punch
- For Booklet or Stapler/stacker finisher (shown above): Y1G10A
- For Inner finisher: Y1G02A

Staples (5,000)
- For Inner finisher or Booklet finisher: Y1G13A
- For Stapler/stacker finisher: Y1G14A

Standard on all models:

250-sheet ADF
- Single pass, two-sided scanning
- Scans up to 120 ipm, simplex and 240 ipm, duplex
- Media size: up to 11 x 17 in
- Media weight: 12 to 58 lb, simplex and 16 to 58 lb, duplex

100-sheet multipurpose tray 1
- Media size: up to 11 x 17 in
- Media weight: 16 to 58 lb

520-sheet tray 2
- Media size: up to letter
- Media weight: 16 to 58 lb

520-sheet tray 3
- Media size: up to 11 x 17 in
- Media weight: 16 to 58 lb

High-capacity side input tray (Y1G20A)
- Up to 3,000 sheets
- Media size: up to letter
- Media weight: 16 to 80 lb
- Requires selection of either the Dual cassette feeder or the HCI 2,000-sheet input tray

Tray heater 110V (Y1G22A)
Helps reduce paper jams in high humidity environments.
Optional accessory that can be added for tray 2/3. One additional tray heater can be ordered for the Dual cassette feeder (Y1F98A) or HCI 2,000-sheet tray (Y1G21A), if purchased.

Tray heater 220V (Y1G22A)
Helps reduce paper jams in high humidity environments.
Optional accessory that can be added for tray 2/3. One additional tray heater can be ordered for the Dual cassette feeder (Y1F98A) or HCI 2,000-sheet tray (Y1G21A), if purchased.

Paper-handling accessories

All MFP E77800 and E87600 series models come standard with the following input trays: 100-sheet multipurpose tray that supports media sizes up to 11 x 17 inches (A3), 520-sheet tray 2 that supports media sizes up to letter (A4), and 520-sheet tray 3 that supports media sizes up to 11 x 17 inches (A3). The MFP E77800 and E87600 series may be configured with optional input and finisher accessories described in the tables below.

Other optional accessories, such as hole punch accessories, are included in the Ordering information on page 15.

HP Color LaserJet Managed MFP E77822/E77825/E77830

Cabinet (Y1G17A)[22]	Dual cassette feeder (Y1F97A)[22]	High-capacity input tray (Y1F99A)[22]	Inner finisher (Y1G00A)[21,25]	Booklet finisher (Y1G07A)[21,25]	Stapler/stacker finisher (Y1G18A)[21,25]
Requirements vary by region; only one can be added at a time.			One finisher accessory is recommended; only one can be added at a time.		
Input capacity: N/A	Tray 1: up to 520 sheets Tray 2: up to 520 sheets	Up to 2,000 sheets	Top tray: up to 50 sheets Main (finishing) tray: up to 500 sheets Requires selection of HP LaserJet Second Exit (Y1G23A)	Top tray: up to 250 sheets Main (finishing) tray: up to 2,000 sheets Booklet tray: ~5 sets of 25 sheets each Requires selection of HP LaserJet Second Exit (Y1G23A)	Top tray: up to 250 sheets Main (finishing) tray: up to 3,000 sheets Requires selection of HP LaserJet Second Exit (Y1G23A)

HP Color LaserJet Managed MFP E87640/E87650/E87660

Cabinet (Y1G16A)[24]	Dual cassette feeder (Y1F98A)[24]	High-capacity input tray (Y1G21A)[24]	High-capacity side input tray (Y1G20A)[26]	Inner finisher (Y1G00A)[23]	Booklet finisher (Y1G07A)[23]	Stapler/stacker finisher (Y1G18A)[23]
Requirements vary by region; only one can be added at a time. Exception: HCI side input tray requires either the Dual cassette feeder or the HCI 2,000-sheet tray.				One finisher accessory is recommended; only one can be added at a time.		
Input capacity: N/A	Tray 1: up to 520 sheets Tray 2: up to 520 sheets	Up to 2,000 sheets	Up to 3,000 sheets	Top tray: up to 50 sheets Main (finishing) tray: up to 500 sheets	Top tray: up to 250 sheets Main (finishing) tray: up to 2,000 sheets Booklet tray: ~5 sets of 25 sheets each	Top tray: up to 250 sheets Main (finishing) tray: up to 3,000 sheets

Technical specifications

	HP Color LaserJet Managed MFP E77800 series – dn models	HP Color LaserJet Managed MFP E77800 series – Flow z models	HP Color LaserJet Managed MFP E87600 series – dn models	HP Color LaserJet Managed MFP E87600 series – Flow z models
Product number	E77822dn: X3A78A E77825dn: X3A81A E77830dn: X3A84A	E77822z: X3A77A E77825z: X3A80A E77830z: X3A83A	E87640dn: X3A87A E87650dn: X3A90A E87660dn: X3A93A	E87640z: X3A86A E87650z: X3A89A E87660z: X3A92A
Control panel/data entry	9.0-inch (22.8 cm) functional touchscreen with 8.0-inch (20.3 cm) Color Graphics Display; easy-access USB;[18] Hardware Integration Pocket[12]			
		Plus: pull-out keyboard		Plus: pull-out keyboard
Print speed (letter and A4, black and color)[6]	E77822dn/z: Up to 22 ppm E77825dn/z: Up to 25 ppm E77830dn/z: Up to 30 ppm		E87640dn/z: Up to 40 ppm E87650dn/z: Up to 50 ppm E87660dn/z: Up to 60 ppm	
Copy speed (letter and A4, black and color, simplex/duplex)[27]	E77822dn/z: up to 22/17 copies per minute (cpm) E77825dn/z: up to 25/18 cpm E77830dn/z: up to 30/21 cpm		E87640dn/z: up to 40/40 cpm E87650dn/z: up to 50/50 cpm E87660dn/z: up to 60/60 cpm	
First page out from ready (letter)[28]	E77822dn/z: As fast as 10.1/12.3 seconds (black/color) E77825dn/z: As fast as 9.8/11.8 seconds (black/color) E77830dn/z: As fast as 9.7/11.4 seconds (black/color)		E87640dn/z: As fast as 8.2/9.3 seconds (black/color) E87650dn/z: As fast as 7.3/8.4 seconds (black/color) E87660dn/z: As fast as 7.0/8.1 seconds (black/color)	
First copy out from ready (letter)[27]	E77822dn/z: As fast as 9.3/9.9 seconds (black/color) E77825dn/z: As fast as 8.6/9.2 seconds (black/color) E77830dn/z: As fast as 8.0/8.6 seconds (black/color)		E87640dn/z: As fast as 6.4/7.5 seconds (black/color) E87650dn/z: As fast as 6.0/6.9 seconds (black/color) E87660dn/z: As fast as 5.3/6.3 seconds (black/color)	
Print resolution	Up to 1200 x 1200 dpi reduced speed		Up to 600 x 600 dpi	
ADF scan speed (letter and A4, black and color)[7]				
Single-sided	Up to 80 ppm	Up to 120 ppm	Up to 90 ppm	Up to 120 ppm
Two-sided	Up to 160 ipm	Up to 240 ipm	Up to 180 ipm	Up to 240 ipm
Features				
Printing	HP Laser technology, print preview, automatic two-sided printing, portrait/landscape orientation, control panel shortcuts, store print jobs Better remote diagnosis and repair; higher first-time fix rates; full toner, LLC utilization; capture un-billed pages from reconnected network devices, personal printers; onsite access to service training; A3 LaserJets are designed for fewer LLC replacements[3] and faster repairs			
Scanning	Flatbed scanner: 11.7 x 17 in (297 x 432 mm); ADF with single-pass, two-sided scanning up to 11.7 x 17 in (297 x 432 mm); Scan to email, scan to network folder (standalone solution), scan to cloud, scan to USB, scan to SharePoint; Open Extensibility Platform (OXP) applications Advanced features: Optimize text/picture, image adjustments, job build, output quality setting, selectable scan resolution up to 600 dpi, auto detect color, edge erase, job notification, blank page suppression; Quick Sets; Scan file format: JPEG, PDF, TIFF, XPS			
		Plus: HP EveryPage with ultrasonic multi-feed detection, embedded optical character recognition (OCR), auto-orientation, auto-crop-to-page, auto-tone		Plus: HP EveryPage with ultrasonic multi-feed detection, embedded optical character recognition (OCR), auto-orientation, auto-crop-to-page, auto-tone
Digital sending	Scan to email, save to network folder, save to USB drive, send to SharePoint, send to FTP, send to sFTP, send to LAN fax, send to Internet fax, Local Address Book, SMTP over SSL, blank page removal, edge erase, auto color sense, compact PDF, auto-straighten			
		Plus: auto-crop to content, auto-tone scale, auto-orientation, multi-pick detect, auto-crop-to-page, and OCR		Plus: auto-crop to content, auto-tone scale, auto-orientation, multi-pick detect, auto-crop-to-page, and OCR
File formats	All models: CSV; HTML; JPEG; MTIFF; PDF; PDF/A; RTF; TIFF; Text; Unicode Text; XML; XPS Flow models: Plus: TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), HTML (OCR), CSV (OCR)			
Copying	Two-sided copying, reduce/enlarge from scanner glass (25 to 400%), scalability, image adjustments (darkness, contrast, background cleanup, sharpness), optimized text/picture (text, mixed, printed picture, photograph), N-Up, N or Z-ordering, content orientation, collation, booklet, ID scan, job build, job storage, watermark, stamps, book mode scans, erase edges, automatically detect color/mono, image preview; Copy resolution: Up to 600 x 600 dpi; Maximum number of copies: up to 9,999 copies			

	HP Color LaserJet Managed MFP E77800 series – dn models	HP Color LaserJet Managed MFP E77800 series – Flow z models	HP Color LaserJet Managed MFP E87600 series – dn models	HP Color LaserJet Managed MFP E87600 series – Flow z models
Optional faxing	Fax speed:[29] 3 seconds per page/33.6 kbps (letter/A4); fax forwarding, receive fax polling, speed dial up to 1000 numbers, each with 210 destinations, auto-fax reduction, auto-redialing, stored faxes, fax archiving; Fax resolution: Up to 300 x 300 dpi (400 x 400 dpi for received faxes only)			
Processor	1.2 GHz (*all models*)			
Memory (standard and maximum)	6 GB	7 GB	7 GB (*all E87600 series models*)	
Storage	16 GB encrypted eMMC (for stored jobs and solutions) and one 500 GB Standard embedded HP High-Performance Secure Hard Disk (for copy/scan functions); AES 256 hardware encryption or greater); Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk)[30] Note: After key system and software resources are uploaded to the device, there is ~5 GB remaining for print job storage purposes. By upgrading to the optional 500 GB HDD, you will have ~489 GB remaining for print job storage purposes after resources are loaded.	Two 500 GB Standard, embedded High-Performance Secure Hard Disk (total 1,000 GB); AES 256 hardware encryption or greater); Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk)		
	Optional: HP High-Performance Secure Hard Disk, 500 GB (B5L29A) can be used in place of the 16 GB eMMC[31]			

Durability ratings

RMPV[32]	As high as 50,000 pages (*all models*)			
Duty cycle[33]	Up to 300,000 pages (*all models*)			

Media specifications

Input capacity	Up to 1,140 sheets, standard; up to 3,140 sheets, maximum[9] Tray 1: up to 100 sheets Tray 2: up to 520 sheets Tray 3: up to 520 sheets		Up to 1,140 sheets, standard; up to 6,140 sheets, maximum[9] Tray 1: up to 100 sheets Tray 2: up to 520 sheets Tray 3: up to 520 sheets	
Output capacity	500-sheet face-down output bin (*all models*)			
Two-sided printing	Automatic (*all models*)			
Media sizes	Tray 1: Letter, letter-R, legal, executive, statement, Oficio, 11 x 17 in, 4 x 6 in, 5 x 7 in, 5 x 8 in, 10 x 15 in, 8K, 16K, envelopes (No. 9, No. 10, Monarch); A3, A4, A4R, A5, A5R, A6, Ra4, B4 (JIS), B5 (JIS), B6 (JIS), Oficio, 8K, 16K, Postcard, Dpostcard (JIS), envelopes (B5, C5, C6, DL); Custom media sizes: 3.86 x 5.83 to 11.69 x 17 in; 98 x 148 to 297 x 432 mm Tray 2: Letter, letter-R, legal, executive, statement, Oficio, 4 x 6 in, 5 x 7 in, 16K; A4, A4R, A5, B4 (JIS), B5 (JIS), Oficio, 16K; Custom media sizes: 5.48 x 8.27 to 11.69 x 14.33 in; 139.7 x 210 to 297 x 364 mm Tray 3: Letter, letter-R, legal, executive, statement, Oficio, 11 x 17 in, 8K, 16K; A3, A4, A4R, A5, Ra3, Ra4, B4 (JIS), B5 (JIS), Oficio, 8K, 16K; Custom media sizes: 5.48 x 8.27 to 11.69 x 17 in; 139.7 x 210 to 297 x 432 mm Duplex: Letter, letter-R, legal, executive, statement; A3, A4, A5, RA4, B4, B5, Oficio, 8K, 16K ADF: Legal, Oficio, executive, statement, ledger; A3, A4, A4R, A5, A6, B4, B5, 16K, Dpostcard (JIS)			
Media weights	Tray 1: 16 to 46 lb (60 to 175 g/m²) Trays 2,3: 16 to 58 lb (60 to 220 g/m²) Duplex: 16 to 47 lb (60 to 176 g/m²) ADF (simplex): 12 to 58 lb (45 to 220 g/m²); ADF (duplex): 16 to 47 lb (60 to 176 g/m²)			
Media types	Plain, HP EcoFFICIENT, HP Matte 90g, Light 60-74g, Bond, Recycled, HP Matte 105g, HP Matte 120g, Mid-Weight 96-110g, Heavy 111-130g, HP Matte 150g, Extra Heavy 131-175g, HP Matte 200g, Cardstock 176-220g, Labels, Letterhead, Envelope, Pre-printed, Pre-punched, Colored			
Print languages	HP PCL 6, HP Postscript level 3 emulation, PDF (v 1.7), Apple® AirPrint®[34] compatible			

	HP Color LaserJet Managed MFP E77800 series – dn models	HP Color LaserJet Managed MFP E77800 series – Flow z models	HP Color LaserJet Managed MFP E87600 series – dn models	HP Color LaserJet Managed MFP E87600 series – Flow z models
Fonts and typefaces	84 scalable TrueType fonts *(all models)*			
Connectivity	Standard: 2 Hi-Speed USB 2.0 Host; Hi-Speed USB 2.0 device; Gigabit Ethernet 10/100/1000T network; Hardware Integration Pocket;[12] Optional fax modem			
Mobile printing capability	Apple AirPrint,[34] HP ePrint,[35] Mobile Apps, Google Cloud Print™ 2.0			
Network capabilities	Standard: Built-in Gigabit 10/100/1000T Ethernet			
	Optional: Wireless networking[36] and NFC touch-to-print[37]			
Network protocols	IPv4/IPv6: Apple Bonjour Compatible (Mac OS 10.2.4 or higher), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, TFTP, Port 9100, LPD, WS Discovery, IPP, Secure-IPP, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print; Other: NetWare NDS, Bindery, NDPS, HP ePrint;[35] Google Cloud Print 2.0			
Security management	SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP-PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for HP Web Jetadmin 10;[13] IPsec Configuration using IPsec Plug-in			
Printer management	Printer Administrator Resource Kit for HP Universal Print Driver (UPD) Active Directory Administrator Template, Add Print Model to Comments, AutoUpgradeUPD, Driver Configuration Utility, Driver Deployment Utility, HP Managed Printing Administration, PRNCON.EXE, HPPRLOG, Migrate-Server-Tools, UpdateNow, Remove Plug and Play Drivers);[17] HP Web Jetadmin[13] software; Resource Kit for HP Web Jetadmin (HP SNMP Proxy Agent, HP WS Pro Proxy Agent); HP JetAdvantage Security Manager[14]			
Compatible operating systems[38]	Windows® OS: Windows 10 all 32- and 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32- and 64-bit editions, Windows 8/8.1 all 32- and 64-bit editions (excluding RT OS for Tablets), Windows Vista® all 32-bit editions (Home Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.)			
	Mac OS: 10.12 Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan			
	Mobile OS: Android™			
	Linux® OS (In-OS HPLIP): Linux Boss (5.0) http://hplipopensource.com/hplip-web/index.html, Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10)			
	Other OS: UNIX®			
Compatible network operating systems	Citrix® MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 1, 2, and 3), Citrix on Windows Server® 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008 R2 SP1 Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Plus Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 6.0/6.5 (for Windows Server 2008 R2 Terminal Services, 32- and 64-bit), Citrix XenApp 6.0/6.5/7.5 (for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit), Citrix XenApp 7.5 (for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit), Citrix XenDesktop® 5.6 (for Windows Server 2008 R2 Terminal Services, 32- and 64-bit), Citrix XenDesktop 5.6/7.0/7.5 (for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit), Citrix XenDesktop 7.0/7.5 (for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit), NetWare 6.5/SP8			
	Novell Clients novell.com/iprint, Novell iPrint Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Novell Servers novell.com/iprint			
	Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 32-bit (SP1/SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32-/64-bit (SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2012/2012 R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services), Windows Server 2016/ 64-bit Standard/ Essential/Datacenter (+ Cluster & Terminal Services)			
System requirements, Windows	A compatible operating system (see above); 2 GB available hard disk space; OS hardware requirements (see microsoft.com)			
System requirements, Macintosh	A compatible operating system (see above); Internet; 1.3 GB available hard disk space; OS hardware requirements (see apple.com)			
Dimensions (width x depth x height)	Operating: 22.4 x 28.9 x 32.6 in (570 x 735 x 827 mm)	23 x 30.5 x 36.5 in (585 x 775.9 x 927.5 mm)	23 x 30.9 x 36.7 in (585 x 785 x 932.2 mm)	
	Maximum:[39] 50.2 x 30.9 x 46.8 in (1275 x 785 x 1190 mm)		Maximum:[39] 64.8 x 30.9 x 46.8 in (1645 x 785 x 1190 mm)	
Weight	176.92 lb (89.55 kg)		290.2 lb (131.6 kg)	249.3 lb (113.1 kg)
What's in the box	HP Color LaserJet Managed MFP; TCU; Drums; Assy-Color WG Nameplate and Label; Power cords; Assembly-CD WW; Hardware install and setup documentation; Support flyers; DOES NOT INLCLUDE TONER			
Software included	HP Connected, HP Device Experience (DXP), HP PCL 6 Printer Driver, HP Software Installer/Uninstaller, Mac OS Welcome Screen (directs users to 123.HP.com or OS App Source for printer software), Online user manuals			
Downloadable software	HP Easy Start (Guided Software Install for Windows OS & Mac), HP ePrint Software[35] (ePrint Mobile Driver for Windows); HP JetAdvantage Security Manager,[14] HP PC Send Fax, HP Mobile Printing hp.com/go/mobileprinting, HP PCL6 (XPS) print driver only (No installer for "Add Printer" installs), HP PCL6 (XPS) print driver with installer, Product Documentation and Support, HP Proxy Agent Software; HP Universal Print Drivers[17] (PCL6 & PS for Windows), Linux/Unix Print Drivers, Mac Software Solution, Printer Administrator Resource Kit, SAP (PS Print Drivers), HP Web JetAdmin,[13] Windows: driver only solution and Full Software Solution			
Warranty	90-day parts only; extended warranty and support options vary by product, country, and local legal requirements. Go to hp.com/support to learn about HP world-class service and support options in your region.			

Environmental and power specifications

|	HP Color LaserJet Managed MFP E77800 series – dn models	HP Color LaserJet Managed MFP E77800 series – Flow z models	HP Color LaserJet Managed MFP E87600 series – dn models	HP Color LaserJet Managed MFP E87600 series – Flow z models
Environmental ranges				
Temperatures	Recommended operating range: 59 to 86° F (15 to 30° C); Operating range: 59 to 86° F (15 to 30° C)			
Relative Humidity	Recommended operating range: 20 to 80% RH; Operating range: 20 to 80% RH			
Acoustic pressure emissions[40,41]	E77822dn: Ready mode: inaudible Active print: 48 dB(A)[42] Active copy: 51 dB(A) Active scan: 47 dB(A),[43] 54 dB(A)[44] E77825dn: Ready mode: inaudible Active print: 48 dB(A)[45] Active copy: 51 dB(A) Active scan: 47 dB(A),[43] 54 dB(A)[44] E77830dn: Ready mode: inaudible Active print: 51 dB(A)[46] Active copy: 52 dB(A) Active scan: 47 dB(A),[43] 54 dB(A)[44]	E77822z: Ready mode: inaudible Active print: 49 dB(A)[42] Active copy: 52 dB(A) Active scan: 49 dB(A),[47] 60 dB(A)[48] E77825z: Ready mode: inaudible Active print: 49 dB(A)[45] Active copy: 52 dB(A) Active scan: 49 dB(A),[47] 60 dB(A)[48] E77830z: Ready mode: inaudible Active print: 51 dB(A)[46] Active copy: 53 dB(A) Active scan: 49 dB(A),[47] 60 dB(A)[48]	E87640dn: Ready mode: inaudible Active print: 49 dB(A)[49] Active copy: 54 dB(A) Active scan: 60 dB(A)[48] E87650dn: Ready mode: inaudible Active print: 49 dB(A)[50] Active copy: 54 dB(A) Active scan: 60 dB(A)[48] E87660dn: Ready mode: inaudible Active print: 49 dB(A)[51] Active copy: 54 dB(A) Active scan: 60 dB(A)[48]	E87640z: Ready mode: inaudible Active print: 49 dB(A)[49] Active copy: 54 dB(A) Active scan: 60 dB(A)[48] E87650z: Ready mode: inaudible Active print: 49 dB(A)[50] Active copy: 54 dB(A) Active scan: 60 dB(A)[48] E87660z: Ready mode: inaudible Active print: 49 dB(A)[51] Active copy: 54 dB(A) Active scan: 60 dB(A)[48]
Acoustic power emissions[40,41,52]	E77822dn: Ready mode: inaudible Active print: 6.3 B(A)[42] Active copy: 6.6 B(A) Active scan: 6.2 B(A),[43] 6.9 B(A)[44] E77825dn: Ready mode: inaudible Active print: 6.4 B(A)[45] Active copy: 6.6 B(A) Active scan: 6.2 B(A),[43] 6.9 B(A)[44] E77830dn: Ready mode: inaudible Active print: 6.6 B(A)[46] Active copy: 6.8 B(A) Active scan: 6.2 B(A),[43] 6.9 B(A)[44]	E77822z: Ready mode: inaudible Active print: 6.4 B(A)[42] Active copy: 6.7 B(A) Active scan: 6.4 B(A),[47] 7.5 B(A)[48] E77825z: Ready mode: inaudible Active print: 6.5 B(A)[45] Active copy: 6.7 B(A) Active scan: 6.4 B(A),[47] 7.5 B(A)[48] E77830z: Ready mode: inaudible Active print: 6.7 B(A)[46] Active copy: 6.8 B(A) Active scan: 6.4 B(A),[47] 7.5 B(A)[48]	E87640dn: Ready mode: inaudible Active print: 6.5 B(A)[49] Active copy: 6.9 B(A) Active scan: 7.5 B(A)[48] E87650dn: Ready mode: inaudible Active print: 6.6 B(A)[50] Active copy: 7.0 B(A) Active scan: 7.5 B(A)[48] E87660dn: Ready mode: inaudible Active print: 6.7 B(A)[51] Active copy: 7.0 B(A) Active scan: 7.5 B(A)[48]	E87640z: Ready mode: inaudible Active print: 6.5 B(A)[49] Active copy: 6.9 B(A) Active scan: 7.5 B(A)[48] E87650z: Ready mode: inaudible Active print: 6.6 B(A)[50] Active copy: 7.0 B(A) Active scan: 7.5 B(A)[48] E87660z: Ready mode: inaudible Active print: 6.7 B(A)[51] Active copy: 7.0 B(A) Active scan: 7.5 B(A)[48]
Power specifications[53]				
Power supply	Built-in; Input voltage: 110 to 127 VAC (+/- 10%), 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz)			
Power consumption	E77822dn/z: Printing/copying: 854 watts; Ready: 62 watts; Sleep: 12 watts; Auto-Off: 0.5 watts; Manual Off: 0.1 watts E77825dn/z: Printing/copying: 951 watts; Ready: 62 watts; Sleep: 12 watts; Auto-Off: 0.5 watts; Manual Off: 0.1 watts E77830dn/z: Printing/copying: 1121 watts; Ready: 48 watts; Sleep: 11 watts; Auto-Off: 0.5 watts; Manual Off: 0.1 watts		E87640dn/z: Printing/copying: 854 watts; Ready: 65 watts; Sleep: 12 watts; Auto-Off: 0.5 watts; Manual Off: 0.1 watts E87650dn/z: Printing/copying: 951 watts; Ready: 65 watts; Sleep: 12 watts; Auto-Off: 0.5 watts; Manual Off: 0.1 watts E87660dn/z: Printing/copying: 1121 watts; Ready: 65 watts; Sleep: 12 watts; Auto-Off: 0.5 watts; Manual Off: 0.1 watts	
Typical Electricity Consumption (TEC)	E77822dn/z: 2.683 kWh/week E77825dn/z: 3.318 kWh/week E77830dn/z: 3.860 kWh/week		E87640dn/z: 2.683 kWh/week E87650dn/z: 3.318 kWh/week E87660dn/z: 3.860 kWh/week	
Environmental specifications			ENERGY STAR® certified, CECP, EPEAT® Gold[54]	
Safety and regulatory compliance	IEC 60950-1:2005 +A1:2009 +A2:2013 (International); EN60950-1:2006 +A11:2009 +A1:2010 +A12:2011 +A2:2013 (EU); EN 60825-1:2014 / IEC 60825-1:2014 (Class 1 Laser Product); EN 62479:2010 / IEC 62479:2010; EN 62471-1:2008 /IEC 62471-1:2006; Low Voltage Directive 2014/35/EU with CE Mark (Europe); GS Certificate (Germany, Europe); UL/cUL Listed and UC CoC (US/Canada); CAN/CSA C22.2 No. 60950-1-07 2nd Ed. 2011-12; Compliance with Laser safety standards 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser notice No. 50, Dated June 24, 2007. Other safety approvals as required by individual countries			
Electromagnetic emission standard	CISPR 22:2008 (International) - Class A, CISPR 32:2012 (International) - Class A, EN 55032:2012 (EU) - Class A, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 55024: 2010, EMC Directive 2014/30/EU, FCC 47 CFR Part 15 Class A/ICES-003, Issue 6 Class A, Other EMC approvals as required by individual countries			

Ordering information

Product		
	HP Color LaserJet Managed MFP E77822dn	X3A78A
	HP Color LaserJet Managed Flow MFP E77822z	X3A77A
	HP Color LaserJet Managed MFP E77825dn	X3A81A
	HP Color LaserJet Managed Flow MFP E77825z	X3A80A
	HP Color LaserJet Managed MFP E77830dn	X3A84A
	HP Color LaserJet Managed Flow MFP E77830z	X3A83A
	HP Color LaserJet Managed MFP E87640dn	X3A87A
	HP Color LaserJet Managed Flow MFP E87640z	X3A86A
	HP Color LaserJet Managed MFP E87650dn	X3A90A
	HP Color LaserJet Managed Flow MFP E87650z	X3A89A
	HP Color LaserJet Managed MFP E87660dn	X3A93A
	HP Color LaserJet Managed Flow MFP E87660z	X3A92A

Supplies[55]		
	E77822/E77825/E77830:	
	HP Black Managed LaserJet Toner Cartridge (~29,000 pages)[56,57,58]	W9190MC
	HP Cyan Managed LaserJet Toner Cartridge (~28,000 pages)[56,57,59]	W9191MC
	HP Yellow Managed LaserJet Toner Cartridge (~28,000 pages)[56,57,60]	W9192MC
	HP Magenta Managed LaserJet Toner Cartridge (~28,000 pages)[56,57,61]	W9193MC
	HP Fuser Assembly 110V (~250,000 pages)	Z7Y77A
	HP Fuser Assembly 220V (~250,000 pages)	Z9M03A
	HP Image Transfer Belt Assembly (~400,000 pages)	Z7Y79A
	HP Image Transfer Blade (~150,000 pages)	Z7Y81A
	HP Toner Collection Unit (~33,700 pages)	W9048MC
	HP Transfer Roller Assembly (~150,000 pages)	Z9M04A
	HP Flow ADF Pick Roller Kit (~200,000 pages)	Z8W50A
	HP Flow ADF Separation Roller Kit (~200,000 pages)	Z8W51A
	HP MP Roller Kit (~200,000 pages)	Z7Y88A
	HP ADF Roller Kit (~200,000 pages)	Z7Y64A
	HP ADF Separation Roller Kit (~100,000 pages)	Z7Y65A
	HP Trays 2-x Roller Kit (~200,000 pages)	Z7Y83A
	HP CMY Imaging Drum (~135,000 pages)	W9044MC
	HP Cyan Developer Unit (~300,000 pages)	Z9M02A
	HP Magenta Developer Unit (~300,000 pages)	Z7Y82A
	HP Yellow Developer Unit (~300,000 pages)	Z7Y91A
	HP Black Developer Unit (~300,000 pages)	Z7Y70A
	E87640/E87650/E87660:	
	HP Black Managed LaserJet Toner Cartridge (~54,500 pages)[56,57]	W9050MC
	HP Cyan Managed LaserJet Toner Cartridge (~52,000 pages)[56,57]	W9051MC
	HP Yellow Managed LaserJet Toner Cartridge (~52,000 pages)[56,57]	W9052MC
	HP Magenta Managed LaserJet Toner Cartridge (~52,000 pages)[56,57]	W9053MC
	HP Fuser Assembly 110V (~360,000 pages)	Z7Y75A
	HP Fuser Assembly 220V (~360,000 pages)	Z7Y76A
	HP Image Transfer Belt Assembly (~430,000 pages)	Z7Y78A
	HP Image Transfer Blade (~180,000 pages)	Z7Y80A
	HP Toner Collection Unit (~71,000 pages)	W9058MC
	HP Transfer Roller Assembly (~360,000 pages)	Z7Y90A
	HP Flow ADF Pick Roller Kit (~200,000 pages)	Z8W50A
	HP Flow ADF Separation Roller Kit (~200,000 pages)	Z8W51A
	HP MP Roller Kit (~200,000 pages)	Z7Y88A
	HP Trays 2-x Roller Kit (~360,000 pages)	Z9M01A
	HP Black Imaging Drum (~160,000 pages)	W9054MC
	HP CMY Imaging Drum (~145,000 pages)	W9055MC
	HP Cyan Developer Unit (~300,000 pages)	Z7Y69A
	HP Magenta Developer Unit (~300,000 pages)	Z7Y72A
	HP Yellow Developer Unit (~300,000 pages)	Z7Y73A
	HP Black Developer Unit (~300,000 pages)	Z7Y68A
	Workgroup and Department devices:	
	HP LaserJet Inner finisher and Booklet finisher staples (5,000 staples)	Y1G13A
	HP LaserJet Stapler/stacker finisher staples (5,000 staples)	Y1G14A

Accessories		
	E77822/E77825/E77830 (Workgroup):	
	HP LaserJet Workgroup Cabinet[22]	Y1G17A
	HP LaserJet Dual Cassette Workgroup Feeder (Trays 1 and 2: 520 sheets each)[22]	Y1F97A
	HP LaserJet Workgroup 2,000-sheet High-capacity Tray[22]	Y1F99A
	HP LaserJet Workgroup Job Separator (Up to 125 sheets)[22]	Y1G15A
	HP LaserJet Second Exit Accessory[25]	Y1G23A

Accessories (continued)	E87640/E87650/E87660 (Department):	
	HP LaserJet Department Cabinet[24]	Y1G16A
	HP LaserJet Dual Cassette Department Feeder (Trays 1 and 2: 520 sheets each)[24]	Y1F98A
	HP LaserJet Department 2,000-sheet High-capacity Tray[24]	Y1G21A
	HP LaserJet Department 3,000-sheet High-capacity Tray[26]	Y1G20A
	HP LaserJet Department Job Separator (Up to 125 sheets)[24]	Y1G01A
	Workgroup and Department devices:	
	HP LaserJet Paper Tray Heaters Accessory: US (110V)[62]	Y1G22A#BGJ
	HP LaserJet Paper Tray Heaters Accessory: EU (220V)[63]	Y1G22A#B19
	HP LaserJet Inner Finisher[25]	Y1G00A
	HP LaserJet Inner Finisher Hole Punch 2/3 Accessory (NA, LA, and AP regions)[64]	Y1G02A
	HP LaserJet Inner Finisher Hole Punch 2/4 Accessory (EMEA and AP regions)[64]	Y1G03A
	HP LaserJet Inner Finisher Swedish Punch Accessory (Sweden (SE))[64]	Y1G04A
	HP LaserJet Booklet Finisher[25]	Y1G07A
	HP LaserJet Stapler/Stacker Finisher[25]	Y1G18A
	HP LaserJet Booklet or Stapler/stacker Finisher Hole Punch 2/3 Accessory (NA, LA, and AP regions)[65]	Y1G10A
	HP LaserJet Booklet or Stapler/stacker Finisher Hole Punch 2/4 Accessory (EMEA and AP regions)[65]	Y1G11A
	HP LaserJet Booklet or Stapler/stacker Finisher Hole Punch Swedish Accessory (Sweden (SE))[65]	Y1G12A
Accessories (optional)	**Workgroup and Department devices:**	
	HP High-Performance Secure Hard Disk, 500 GB[31]	B5L29A
	HP Internal USB Ports	B5L28A
	HP LaserJet MFP Analog 500 Fax Accessory	CC487A
	HP Jetdirect 2900nw Print Server[36]	J8031A
	HP Jetdirect 3000w NFC/Wireless Accessory[37]	J8030A
	HP Foreign Interface Harness	B5L31A
	HP USB Universal Card Reader	X3D03A
	HP Access Control Card Reader – HIP1	CZ208A
	HP USB Card Reader (U.S. only)	CC543B
	HP Smartcard US Govt Siprnet Solution (U.S. only)	F8830A
Solutions	HP Web Jetadmin: hp.com/go/wja	
	HP Universal Print Driver: hp.com/go/upd	
	HP JetAdvantage Security Manager: hp.com/go/securitymanager	
	HP JetAdvantage On Demand Cloud Solutions: hp.com/go/jetadvantageondemand	
	HP LaserJet fonts, barcodes, and IPDS Emulation available at hp.com/go/laserjetfonts	
	To learn more about available infrastructure, management, and workflow solutions, visit hp.com/go/printing solutions	

Appendix A: Control panel features

Upgrade to a modern interface

The HP Color LaserJet Managed MFP E77800 series and the HP Color LaserJet Managed MFP E87600 series are powered by HP FutureSmart 4.0 firmware. Its modern, tablet-like interface keeps things simple and intuitive across your fleet of Enterprise devices. A scalable control panel interface improves future extensibility and allows for customization, along with a robust set of new apps and usability features. You can even customize with your own wallpaper image and company logo. The new Message Center, with more detailed information and helpful animations, makes it easy to address device events. The simplified home screen displays just a few core apps by default (three apps for products without fax). Additional apps are easily accessed by swiping right to left, like with a smartphone or tablet.
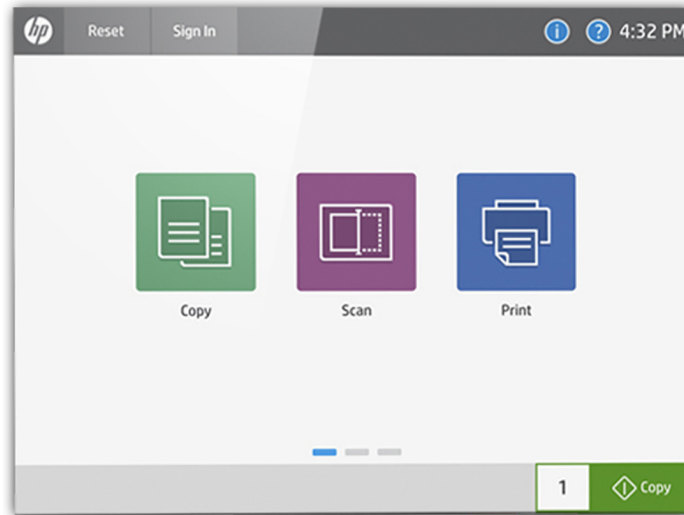
Edit jobs right at the MFP

The control panel features an enhanced image preview—now for both copies and scans. Right from the device's 9.0-inch (22.8) functional touchscreen with 8.0-inch (20.3 cm) Color Graphics Display, you can easily preview and edit scans before sending them. You can apply changes (like rotating) to a single page, or to multiple pages at once. Batch separation allows users to create separate PDF or PDF/A files from scanned pages. The Flow MFP models can also create PDF OCR and PDF/A OCR files.

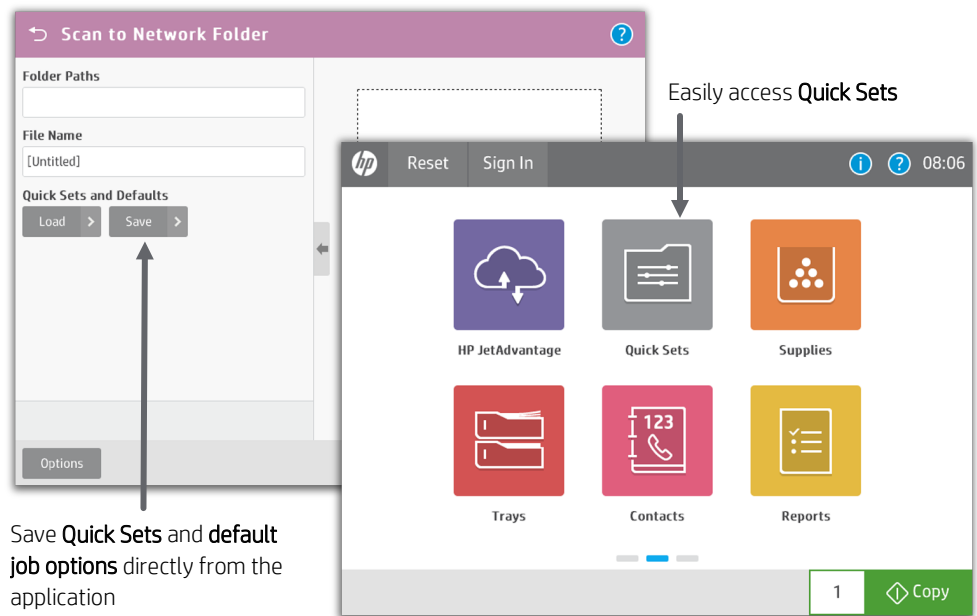The new user interface enables **swipe**, **rotate**, and **drag-and-drop** capabilities
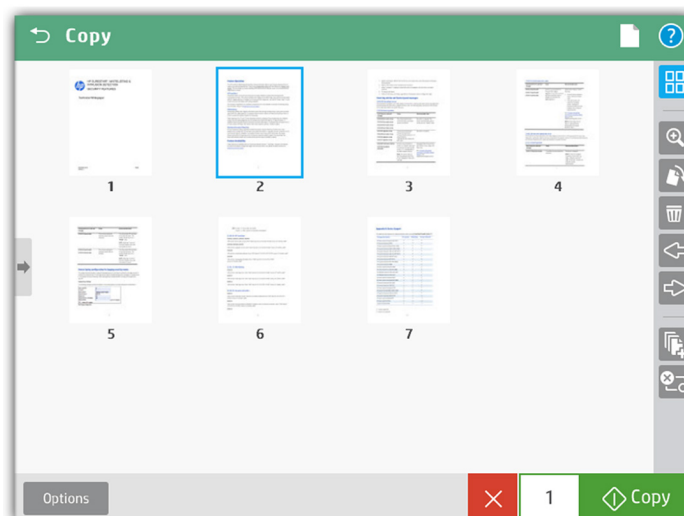
You can start a **preview** prior to committing to the copy job

Use Quick Sets to launch automated workflows

The MFP's digital sending capability allows users to route documents to a variety of destinations like email recipients, network folders, fax, FTP, a USB device, or Microsoft SharePoint.

Quick Sets automate all of the steps of a complicated workflow and provide easy access to the configurations you use most, such as page size, resolution, and file format. You can also specify security settings, such as encrypted PDFs to be delivered through encrypted and signed emails.

Help users find what they need by moving individual Quick Sets to any screen or folder using the home screen customization feature. With Quick Sets, IT can promote or block access to certain device features. Calls to the helpdesk can be reduced when users have everything they need and are restricted from accessing settings they shouldn't tamper with.

Easily access **Quick Sets**

Save **Quick Sets** and **default job options** directly from the application

Troubleshoot with ease

The HP Color LaserJet Managed MFP E77800 series and the HP Color LaserJet Managed MFP E87600 series can help save your IT department valuable time when it comes to troubleshooting problems. The Remote Control Panel allows users to operate the user interface remotely, so IT can troubleshoot problems without running to the MFP.[66] Users can also quickly troubleshoot technical issues with HP's innovative, cloud-based Online Help services that are relevant and up to date. Easily solve problems from your PC or mobile device. A Quick Response (QR) code on the touchscreen links to Online Help using smartphones and tablets.[67] You can also find these links in the HP Embedded Web Server event log.
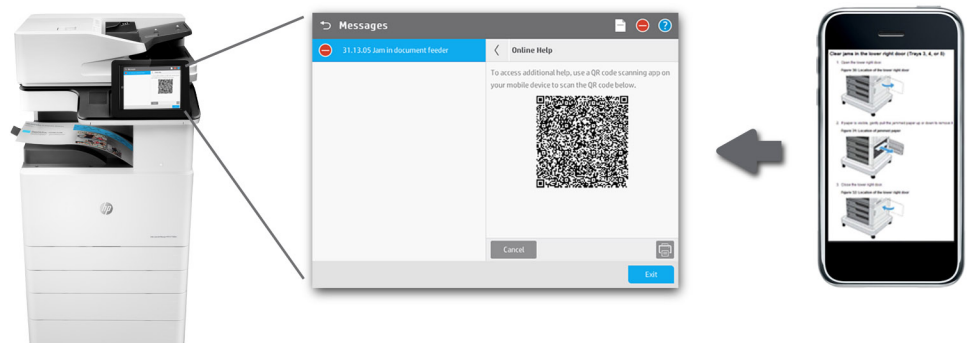
[1] The HP Color LaserJet Managed MFP E87660 series and Managed MFP E82560 series were named Winner of the BLI 2018 Pick for Outstanding 60-ppm Copier MFP by the analysts at Buyers Lab (BLI) in their Keypoint Intelligence Buyers Lab report July 2018. For more information, see keypointintelligence.com/news/awards.

[2] Based on HP review of 2018 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit: hp.com/go/PrintersThatProtect. For more information, visit: hp.com/go/printersecurityclaims

[3] Fewer service parts claim based on BLI analysis of leading in-class A3 MFPs as of August 2016; calculations use publicly available and/or published manufacturer rated yields for long-life consumables and assume 600,000 pages printed (using a 60% black/40% color ratio); market share as reported by IDC as of Q2 2016.

[4] Compared to previous generations of laser printers.

[5] Program availability varies. For more information, visit hp.com/recycle.

[6] Measured using ISO/IEC 24734, excludes first set of test documents. For more information, see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

[7] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

[8] Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see hpconnected.com.

[9] Selection of optional paper-handling accessories required to reach maximum input capacity.

[10] Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at hp.com/go/printsecurity.

[11] HP Proximity Card Reader (CZ208A) is available for separate purchase for select HP devices with Hardware Integration Pocket (HIP) and touchscreen display.

[12] Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase.

[13] HP Web Jetadmin is available for download at no additional charge at hp.com/go/wja.

[14] HP JetAdvantage Security Manager must be purchased separately. For details, see hp.com/go/securitymanager.

[15] HP JetAdvantage Secure Print works with any network-connected printer or MFP. On-device authentication is available for many HP LaserJet, PageWide, and OfficeJet Pro devices and selected non-HP devices. Some devices may require a firmware upgrade. Internet connection required for cloud storage and retrieval of print jobs. Print-job release from a mobile device requires a network connection and QR code. For more information and a list of supported printers and MFPs, see hp.com/go/JetAdvantageSecurePrint.

[16] Color access control capabilities vary from device to device.

[17] The HP Universal Print Driver is available for download at no additional charge at hp.com/go/upd.

[18] An administrator must enable the easy-access USB port before use.

[19] The pull-out keyboard, HP EveryPage, and embedded OCR are only available on the Flow models.

[20] The E77800 series Flow models and all of the E87600 series models include a 250-sheet ADF. The E77800 series dn models include a 100-sheet ADF. The ADF on all devices can scan documents up to 11 x 17 inches (A3).

[21] One finisher accessory is recommended for the HP Color LaserJet Managed MFP E77800 series: HP LaserJet Inner Finisher (Y1G00A), or HP LaserJet Workgroup Job Separator (Y1G15A), or HP LaserJet Booklet Finisher (Y1G07A), or HP LaserJet Stapler/stacker Finisher (Y1G18A). Only one can be added at a time.

[22] One input accessory is required for the NA and LA regions—and highly recommended for the EMEA and AP regions—for the HP Color LaserJet Managed MFP E77800 series: HP LaserJet Workgroup Cabinet (Y1G17A), or HP LaserJet Dual Cassette Workgroup Feeder (Y1F97A), or HP LaserJet Workgroup 2,000-sheet High-capacity Tray (Y1F99A). Only one can be added at a time.

[23] One finisher accessory is recommended for the HP Color LaserJet Managed MFP E87600 series: HP LaserJet Inner Finisher (Y1G00A), or HP LaserJet Department Job Separator (Y1G01A), or HP LaserJet Booklet Finisher (Y1G07A), or HP LaserJet Stapler/stacker Finisher (Y1G18A). Only one can be added at a time.

[24] One input accessory is required for the NA and LA regions—and highly recommended for the EMEA and AP regions—for the HP Color LaserJet Managed MFP E87600 series: HP LaserJet Department Cabinet (Y1G16A), or HP LaserJet Dual Cassette Department Feeder (Y1F98A), or HP LaserJet Department 2,000-sheet High-capacity Tray (Y1G21A). Only one of these input accessories can be added at a time. However, selection of the HP LaserJet Department 3,000-sheet High-capacity Tray (Y1G20A) requires selection of either the HP LaserJet Dual Cassette Department Feeder (Y1F98A) or the HP LaserJet Department 2,000-sheet High-capacity Tray (Y1G21A).

[25] Selection of the HP LaserJet Inner Finisher (Y1G00A), the HP LaserJet Booklet Finisher (Y1G07A), or the HP LaserJet Stapler/stacker Finisher (Y1G18A) for the HP Color LaserJet Managed MFP E77822, E77825, or E77830, also requires selection of the HP LaserJet Second Exit (Y1G23A).

[26] Selection of the HP LaserJet Department 3,000-sheet High-capacity Tray (Y1G20A) for the HP Color LaserJet Managed MFP E87600 series requires selection of the HP LaserJet Dual Cassette Department Feeder (Y1F98A) or the HP LaserJet Department 2,000-sheet High-capacity Tray (Y1G21A).

[27] First Copy Out and Copy Speed measured using ISO/IEC 29183, excludes first set of test documents. For more information see hp.com/go/printerclaims. Exact speed varies depending on the system configuration and document.

[28] Measured using ISO/IEC 17629. Exact speed for first page out varies depending on the system configuration, software application, driver, and document complexity.

[29] Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.34 and 6 sec/page for V.17.

[30] The E77800 series dn models include a 16 GB encrypted eMMC (located on formatter board for stored jobs and solutions) and one 500 GB Standard (located on engine main board for copy/scan functions), embedded HP High-Performance Secure Hard Disk. After key system and software resources are uploaded to the device, there is approximately 5 GB remaining for print job storage purposes. By upgrading to the optional 500 GB HDD, you will have ~489 GB remaining for print job storage purposes after resources are loaded.

[31] Optional HP High-Performance Secure Hard Disk, 500 GB (B5L29A) (FIPS 140-2 validated hard disk) can be added to an E77800 series dn model by first removing the 16 GB eMMC and installing it in that position (requires selection of dn engine: X3A78A, X3A81A, or X3A84A). It can also be added to an E77800 series z model or any E87600 series model by removing one of the 500 GB HDDs and installing it in that position (requires selection of one of the following engines: X3A77A, X3A80A, X3A83A, X3A87A, X3A86A, X3A90A, X3A89A, X3A93A, or X3A92A).

[32] Recommended Monthly Page Volume (RMPV): HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.

[33] Duty cycle is defined as the maximum number of pages per month of imaged output. HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.

[34] Supports the following devices running iOS 4.2 or later: iPad®, iPad® 2, iPhone® (3GS or later), iPod® touch (3rd generation or later). Works with HP's AirPrint-enabled printers and requires the printer be connected to the same network as your iOS device. Wireless performance is dependent on physical environment and distance from the access point.

[35] Printer requires ePrint account registration. App or software may be required. Wireless operations are compatible with 2.4 GHz operations only. Learn more at hp.com/go/mobileprinting.

[36] All models can add wireless networking with selection of the optional HP Jetdirect 2900nw Print Server (J8031A). If selected, you cannot also select the HP Jetdirect 3000w NFC/Wireless Accessory (J8030A). Wireless performance is dependent on physical environment and distance from access point, and may be limited during active VPN connections.

[37] Touch-to-print capability is optional for all models and can be added by selecting the optional HP Jetdirect 3000w NFC/Wireless Direct Accessory (J8030A). If selected, you cannot also select the HP Jetdirect 2900nw Print Server (J8031A). Mobile device must support Near Field Communication (NFC)-enabled printing. For more information, see hp.com/go/businessmobileprinting.

[38] Full solution software available only for Windows 7 and newer, UPD software available only for Windows 7 and newer, HP Software for Mac and Windows is no longer included on the CD, but can be downloaded from 123.hp.com, Legacy Windows Operating Systems (XP, Vista, and equivalent servers) get print and scan drivers only with a reduced feature set, Windows RT OS for Tablets (32- and 64-bit) uses a simplified HP print driver built into the RT OS.

[39] Maximum dimensions of the device are measured with all paper trays folded out and standard accessories installed.

[40] Copy acoustic pressure and power emissions are based on copying color simplex from ADF, using A4 paper.

[41] Scan acoustic pressure and power emissions are based on scanning color simplex from ADF, using A4 paper.

[42] Printing color, simplex using A4 paper at 22 ppm.

[43] ADF scanning color, simplex using A4 paper at 45 ipm.

[44] ADF scanning color, simplex using A4 paper at 88 ipm.

[45] Printing color, simplex using A4 paper at 25 ppm.

[46] Printing color, simplex using A4 paper at 30 ppm.

[47] ADF scanning color, simplex using A4 paper at 48 ipm.

[48] ADF scanning color, simplex using A4 paper at 124 ipm.

[49] Printing color, simplex using A4 paper at 40 ppm.

[50] Printing color, simplex using A4 paper at 50 ppm.

[51] Printing color, simplex using A4 paper at 60 ppm.

[52] Acoustic values are subject to change. For current information see hp.com/support.

[53] Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty.

[54] EPEAT® registered where applicable. EPEAT registration varies by country. See epeat.net for registration status by country.

[55] Stated yield is based on 5% coverage and may vary based on coverage and media type used, media size, short edge feed on A3 devices, and job size.

[56] Automatically add to configuration; initial toner not included with engine.

[57] Average black and color composite (C/M/Y) declared toner yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details, see hp.com/go/learnaboutsupplies. Managed cartridges are not included with printer; please purchase separately.

[58] The W9040MC HP Black Managed LaserJet Toner Cartridge (~34,000 pages) is also compatible.

[59] The W9041MC HP Cyan Managed LaserJet Toner Cartridge (~32,000 pages) is also compatible.

[60] The W9042MC HP Yellow Managed LaserJet Toner Cartridge (~32,000 pages) is also compatible.

[61] The W9043MC HP Magenta Managed LaserJet Toner Cartridge (~32,000 pages) is also compatible.

[62] Use for all 110V countries. The tray heater (Y1G22A #BGJ) is an optional accessory. For the HP Color LaserJet Managed MFP E77800 series: the tray heater can be used for trays 2/3 of the printer and one additional tray heater can be used with the Dual Cassette Workgroup Feeder (Y1F97A) or HP LaserJet Workgroup 2,000-sheet High-capacity Tray (Y1F99A). For the HP Color LaserJet Managed MFP E87600 series: the tray heater can be used for trays 2/3 of the printer and one additional tray heater can be used with the Dual Cassette Department Feeder (Y1F98A) or HP LaserJet Department 2,000-sheet High-capacity Tray (Y1G21A).

[63] Use for all 220V countries. The tray heater (Y1G22 #B19) is an optional accessory. For the HP Color LaserJet Managed MFP E77800 series: the tray heater can be used for trays 2/3 of the printer and one additional tray heater can be used with the Dual Cassette Workgroup Feeder (Y1F97A) or HP LaserJet Workgroup 2,000-sheet High-capacity Tray (Y1F99A). For the HP Color LaserJet Managed MFP E87600 series: the tray heater can be used for trays 2/3 of the printer and one additional tray heater can be used with the Dual Cassette Department Feeder (Y1F98A) or HP LaserJet Department 2,000-sheet High-capacity Tray (Y1G21A).

[64] Requires HP LaserJet Inner Finisher (Y1G00A); choose only one hole-punch accessory.

[65] Requires HP LaserJet Booklet Finisher (Y1G07A) or HP LaserJet Stapler/stacker Finisher (Y1G18A); choose only one hole-punch accessory.

[66] Availability dependent on firmware or software updates or upgrades.

[67] Online Help must be enabled on the printer or MFP. Mobile device must have an Internet connection to access online services.

WJS ENTERPRISES, INC.

759 Hill Street	11725 Industriplex, Blvd, Ste 1
Jefferson, LA 70121	Baton Rouge, LA 70809
504.837.5666	225.752.0957